event includes an event where a function of receiving the selected content from an external device is performed in the second user terminal device through the input apparatus.

[0136] On the other hand, the controlling method of the input apparatus capable of receiving an input according to an exemplary embodiment, in response to the function key equipped with the input apparatus being pressed upon user manipulation while the input apparatus is located within a predetermined range of distance from a screen of the first user terminal device, includes transmitting a control signal to the first user terminal device for displaying the first user interface on the screen of the first user terminal device and, in response to the function key equipped with the input apparatus being pressed upon the user manipulation while the input apparatus is located within a predetermined range of distance from a screen of the second user terminal device, transmitting a control signal to the second user terminal device for displaying the second user interface on the screen of the second user terminal device.

[0137] The first user interface includes a menu for transmitting the selected content to an external device in the first user terminal device, and the second user interface includes a menu for receiving the selected content from an external device in the second user terminal device.

[0138] Receiving the information from the first user terminal device, in response to a menu for transmitting the selected content to an external device being selected in the first user interface, may receive information about identifier information and an encryption key of the first user terminal device from the first user terminal device, and transmitting the information to the second user terminal device, in response to a menu for receiving the selected content from an external device being selected in the second user interface, may transmit the information about the identifier information and the encryption key of the first user terminal device to the second user terminal device

[0139] The controlling method of the input apparatus capable of receiving an input according to an exemplary embodiment may further include storing information about identifier information and an encryption key of the first user terminal device received from the first user terminal device

[0140] The encryption key may be used for encrypting identifier information of the second user terminal device.

[0141] The controlling method of the input apparatus capable of receiving an input according to an exemplary embodiment may be embodied in a program code executable by a computer and stored in a various non-transitory computer readable medium, and then, may be provided to each device as to be performed by the controller.

[0142] For an exemplary embodiment, in response to content being selected in the first user terminal device through the input apparatus and the first predetermined event occurring, a non-transitory computer readable medium storing a program that performs the controlling method which includes receiving information about identifier information and an encryption key of the first user terminal device from the first user terminal device and transmitting the information about the identifier information and the encryption key of the first user terminal device to the second user terminal device may be provided.

[0143] The non-transitory computer readable medium is not a medium that stores data for a short period of time like a register, cache memory, and the like but may be defined as a medium that stores data semi-permanently and that is readable by a device. Various applications or programs may be stored in and provided through a non-transitory computer readable medium such as a CD, a DVD, a hard disk, a blue-ray disc, a USB, a memory card, a ROM, and the like.

[0144] The block diagram illustrating the input apparatus capable of receiving an input does not show a bus, but each component of the input apparatus capable of receiving an input may be linked with each other through a bus. Further, each device may further include a controller such as a CPU, a micro controller, and the like, which performs the various processes described above.

[0145] Although exemplary embodiments are illustrated and described, the exemplary embodiment shall not be construed as limiting to the foregoing exemplary embodiments, and without departing from the principles and spirit of the scope of which is defined in the appended claims, many alternatives and variations will be apparent to those skilled in the art, and the alternatives and variations shall not be acknowledged independently from the technical idea and prospect of the exemplary embodiment.

What is claimed is:

1. An input apparatus configured to receive an input, comprising:

a communicator configured to communicate with a first user terminal device and a second user terminal device;

a hardware processor, in response to a content of the first user terminal being selected by the input apparatus and a first predetermined event occurring, configured to receive information about identifier information of the first user terminal device and an encryption key of the first user terminal device from the first user terminal device and, in response to a second predetermined event occurring, configured to transmit the received information about the identifier information of the first user terminal device and the encryption key of the first user terminal device to the second user terminal device.

2. The input apparatus as claimed in claim **1**, wherein the first predetermined event includes an event where a transmitting the selected content to an external device is performed in the first user terminal device through the input apparatus,

wherein the second predetermined event includes an event where a receiving the selected content from an external device is performed in the second user terminal device through the input apparatus.

3. The input apparatus as claimed in claim **1**, further comprising:

a function key configured to receive a user manipulation,

wherein the hardware processor, in response to the function key receiving the user manipulation while the input apparatus is located within a predetermined range of distance from a screen of the first user terminal device, transmits a control signal to control a display of a first user interface on a screen of the first user terminal device to the first user terminal device and, in response to the function key receiving the user manipulation while the input apparatus is located within a predetermined range of distance from a screen of the second user terminal device, transmits a control signal to control a display of a second user interface on a screen of the second user terminal device to the second user terminal device.